



MAGNASCOPE

The MAGNASCOPE is a carefully built instrument designed to focus an enlarger accurately. Focusing is done on the grain of the image rather than on the image itself.

HOW IT WORKS:

The image from the enlarger is reflected from a front surface mirror into the lens system. The twelve power lens is critically focused on the reticle. When the negative image is in sharp focus at the reticle, the enlarger is in focus. There is no ground glass.

The lens has an extremely flat field with unexcelled definition. If the enlarging lens is not sharp, the grain of the negative image will not be seen clearly.

The person who will use the MAGNASCOPE should focus the eyepiece on the reticle. Eyeglasses should not be worn since the emergence cone of light from the eyepiece is very short.

The MAGNASCOPE can be adjusted to focus as much as $\frac{1}{4}$ " below its own base. This feature can be used to advantage when focusing on top of a light trap. In this application, the cover over the paper must be as accurately positioned vertically as the easel.

To adjust MAGNASCOPE, focus a reduced image on the easel. Place the cover in position. Set the MAGNASCOPE on top of the light trap. Loosen the set screw holding the lens barrel and adjust the lens assembly until the projected image is in sharp focus. Check focus with a developed image. A line can be scratched on the anodized barrel for resetting.

Focusing with the MAGNASCOPE is very fast and accurate and can be done stopped down with the room lights on. Eyestrain is eliminated when focusing reduced images, for which this unit works equally well. The MAGNASCOPE is a must where critical sharpness is demanded.

NOTES:

The MAGNASCOPE will not work when the easel is tilted. If more light is desired, remove neutral density filter. Remove lens first.

If image is too bright, filter can be exchanged for darker one. Should the front surface mirror become tarnished, it can be replaced. With a pencil, push out the old mirror. Cement the new mirror in place with rubber cement. Focus should be checked after replacing mirror.

